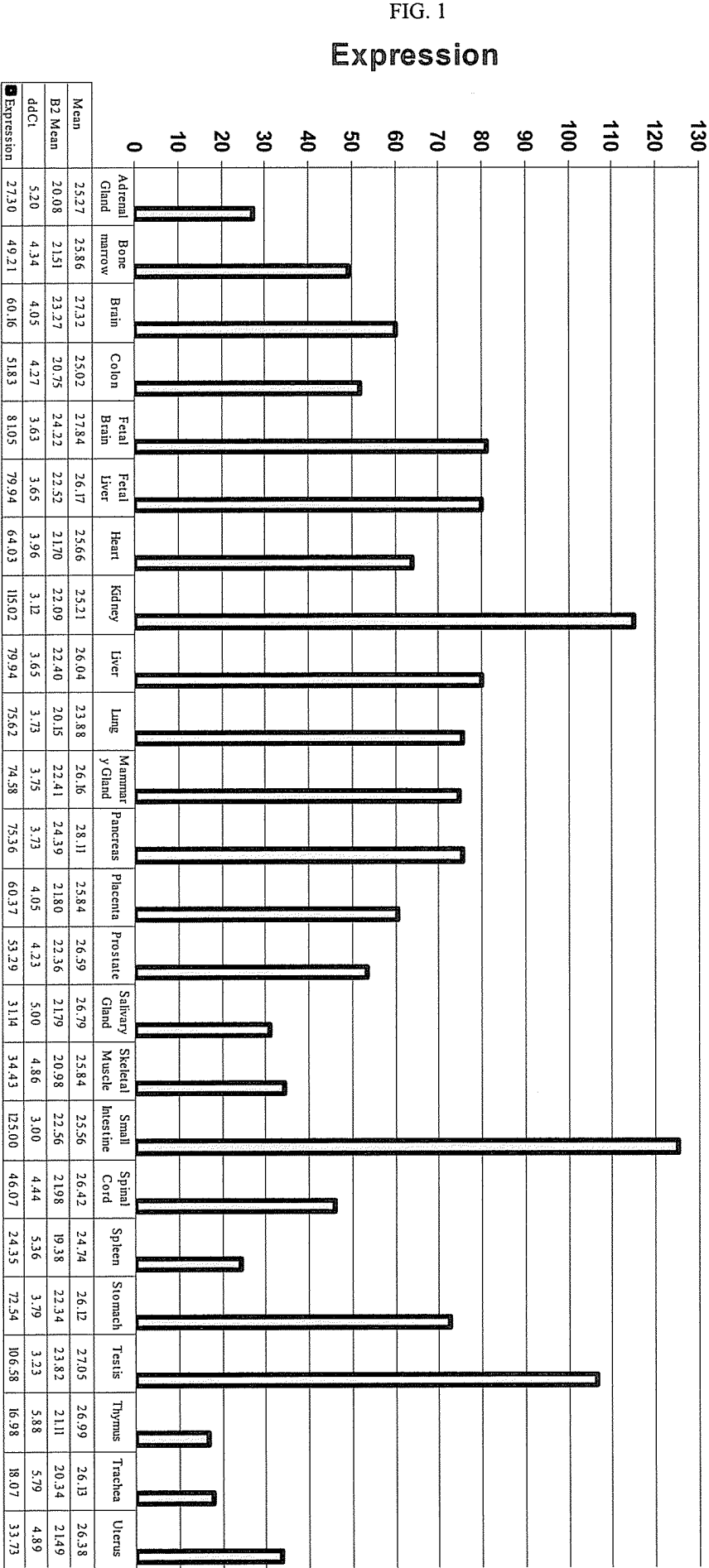
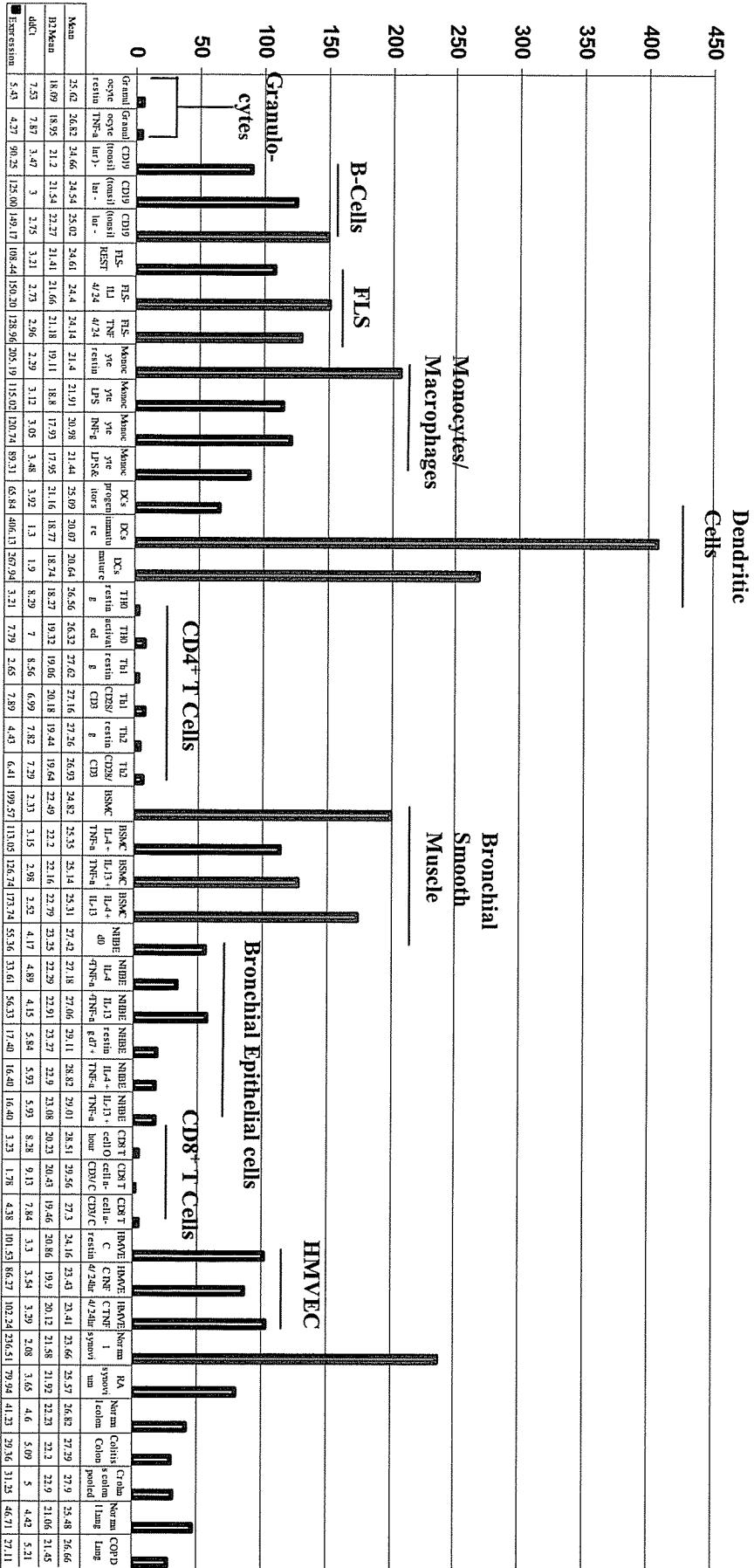


# CatZ Expression Profile on HOP 1.2.1 (normalized to beta 2 microglobulin)



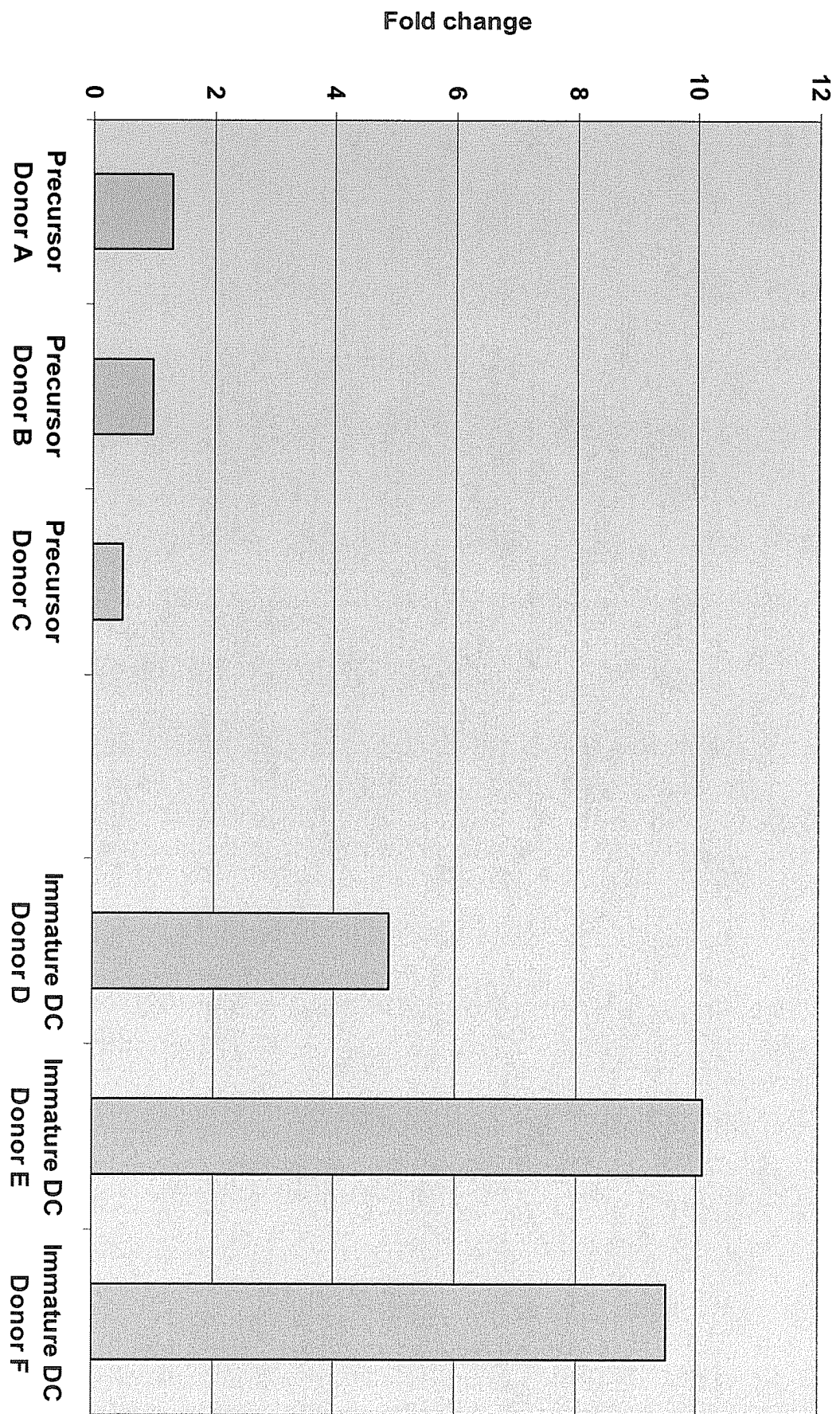
**microglobulin)**

FIG. 2



# Cathepsin Z mRNA upregulated in immature dendritic cells

FIG. 3



Increased Cathepsin Z mRNA expression in mouse CIA model

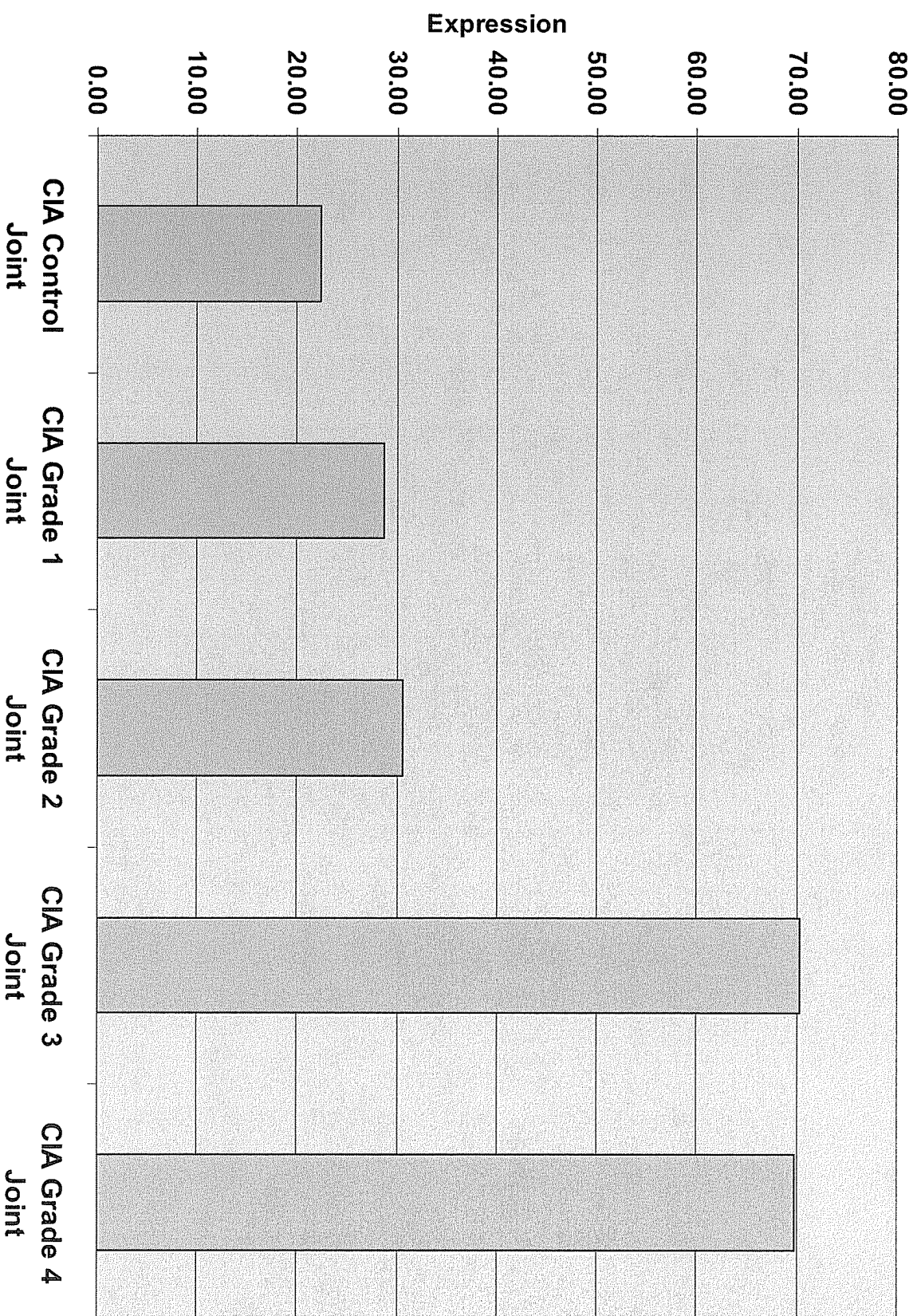
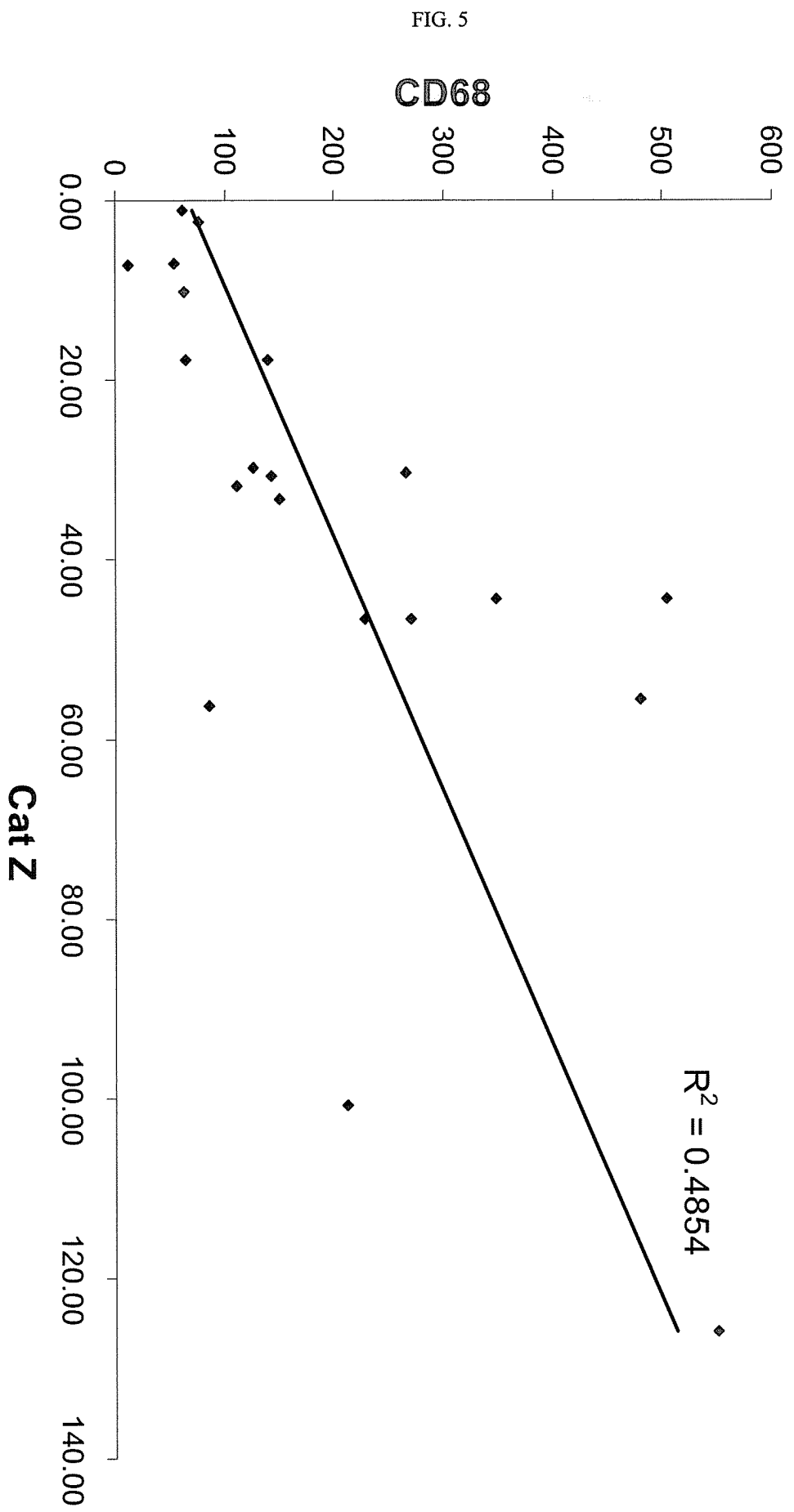


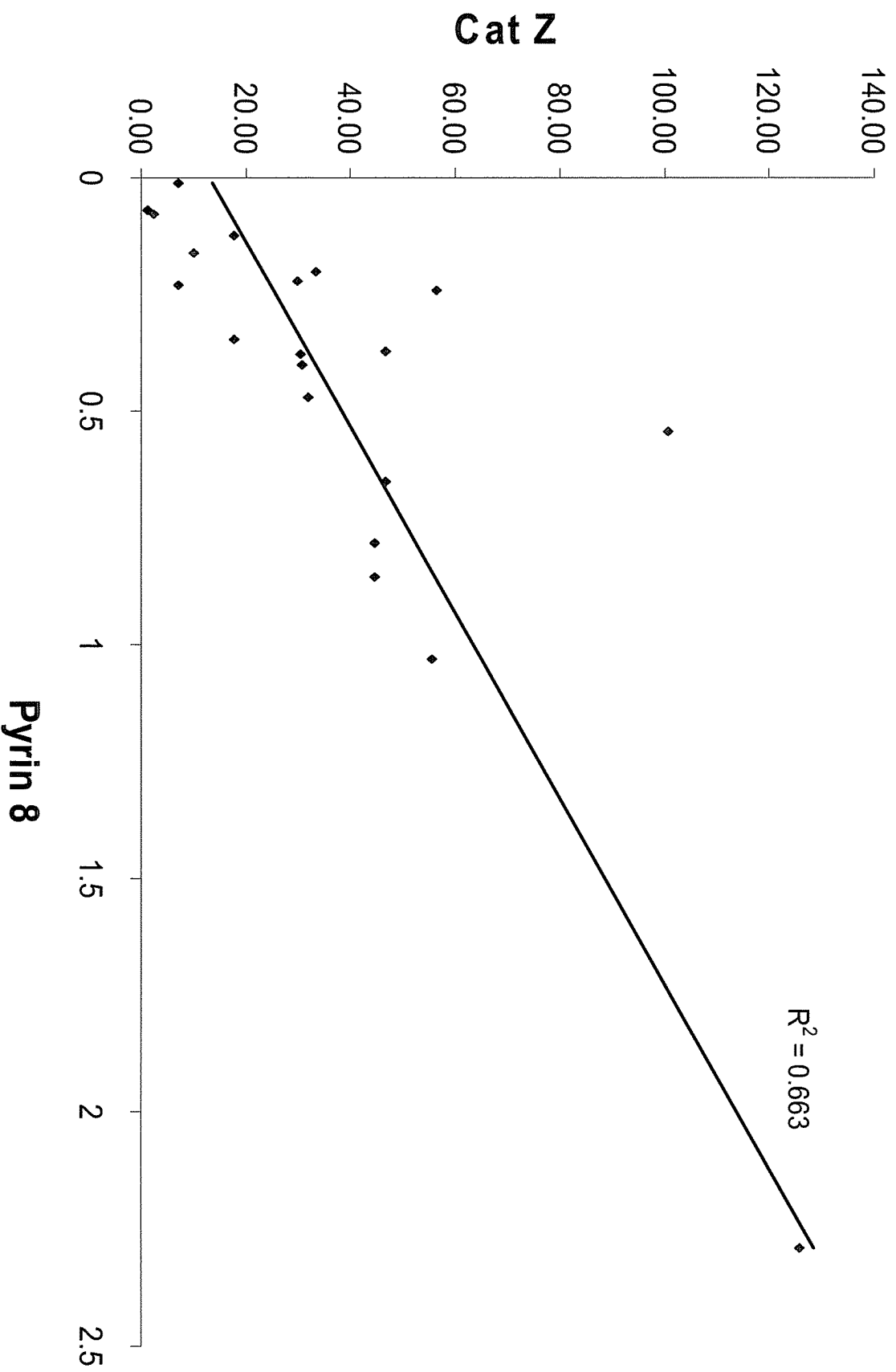
FIG. 4

# Correlate of Expression in Synovium Samples



# Correlation of Expression in Synovium Samples

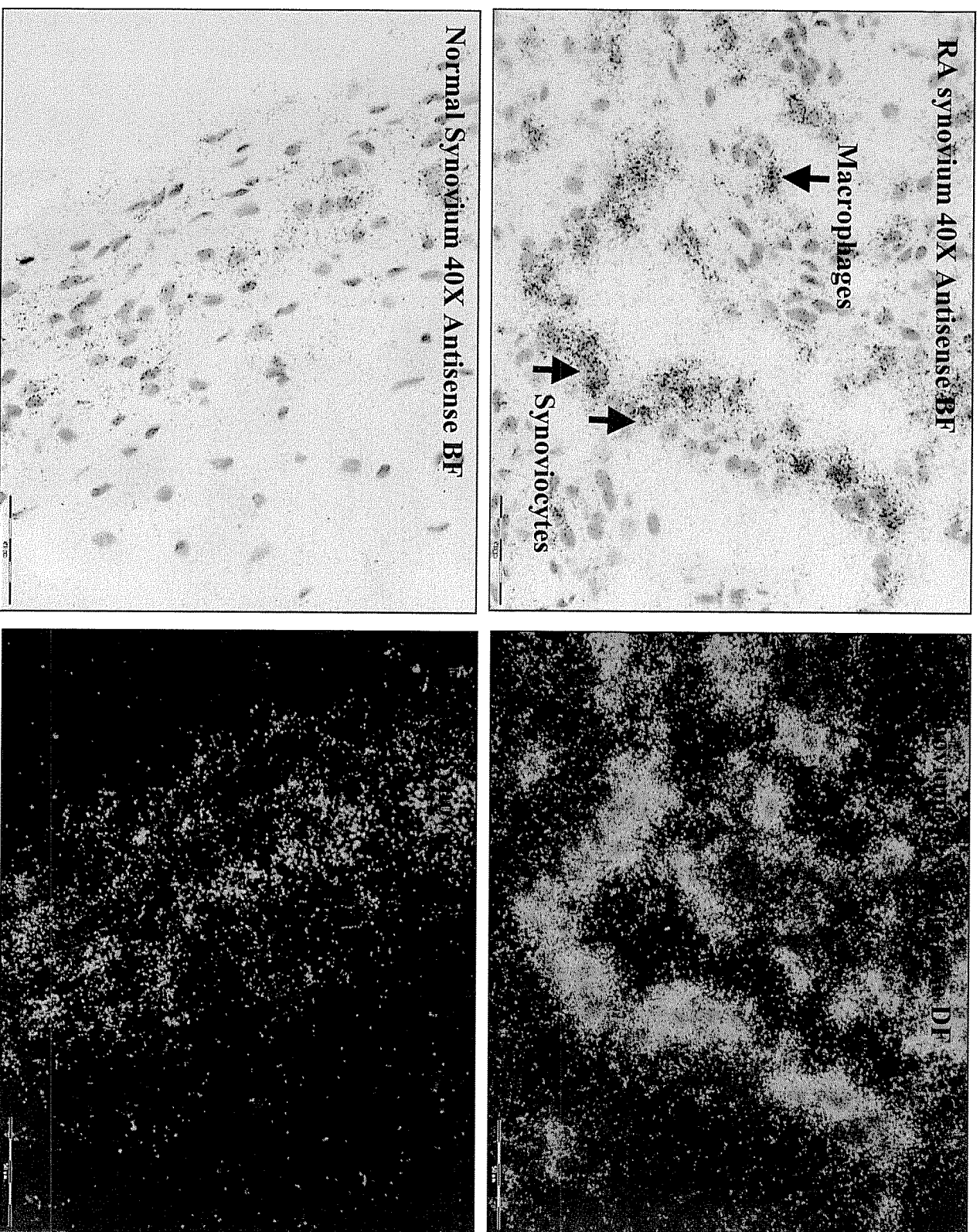
FIG. 6





# Cathepsin-Z expression in RA Synovium (Pen248)

FIG. 7



**Cathepsin-Z expression in RA Synovium (Pen248)**

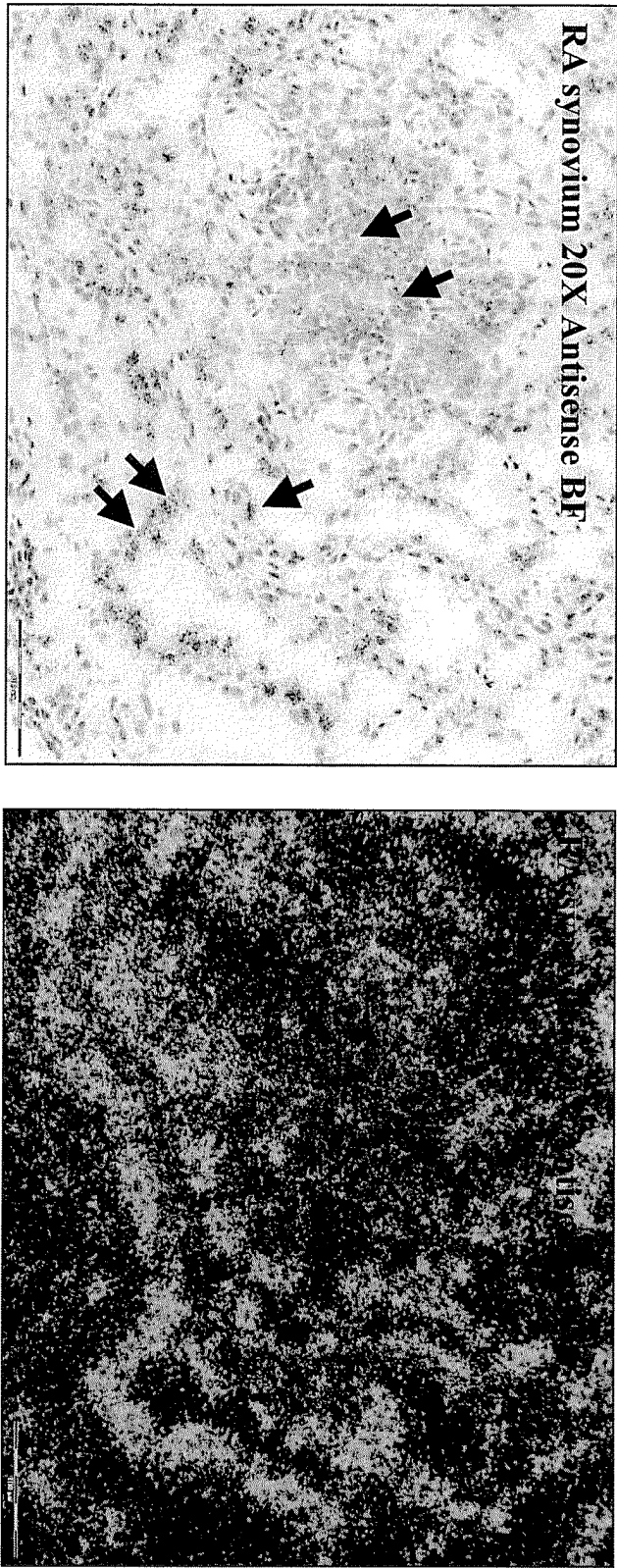


FIG. 8



- ↑ Synoviocytes
- ↑ Macrophages
- ↑ Lymphocytes



# Cathepsin-Z expression in RA Synovium (Pen248)

FIG. 9

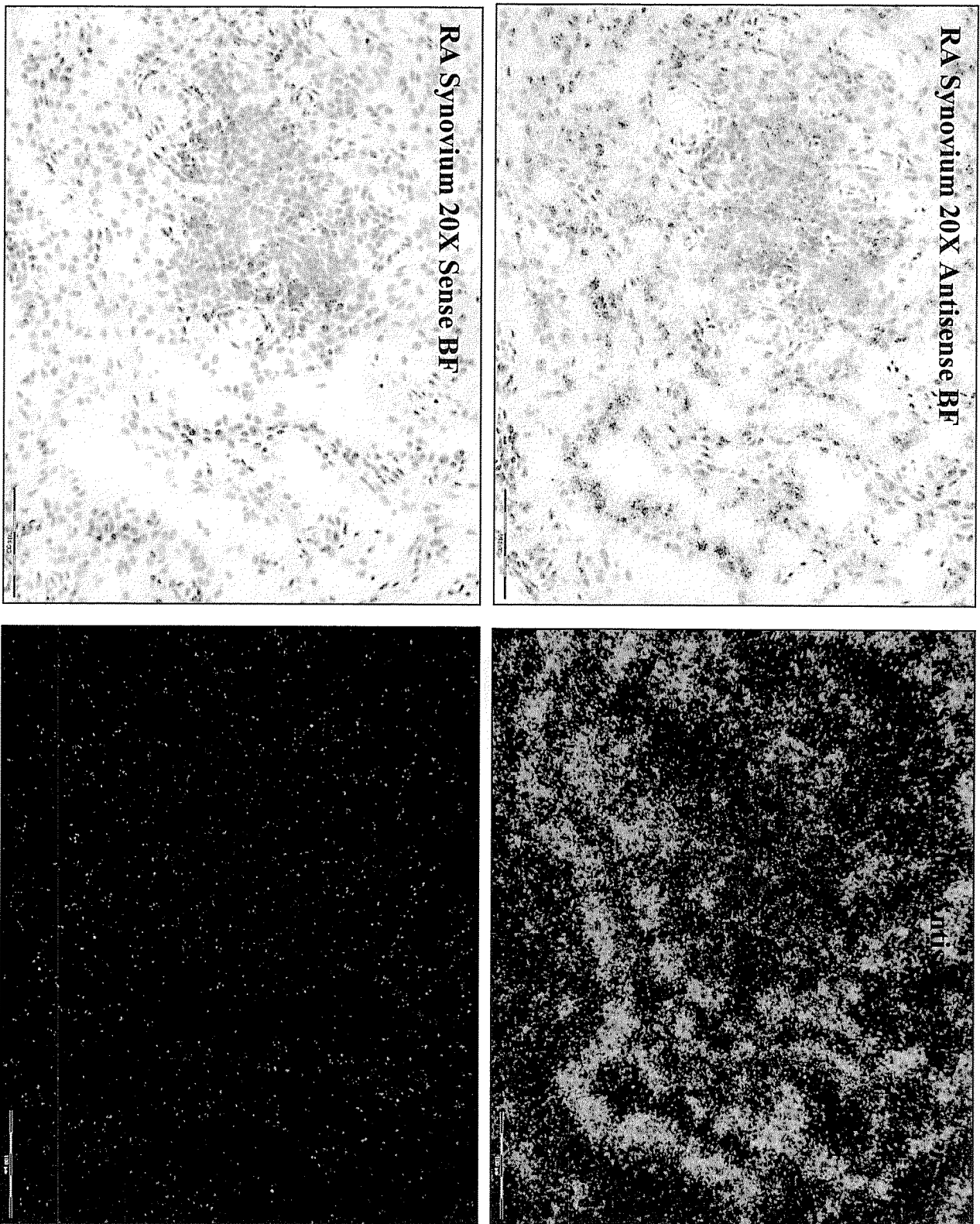
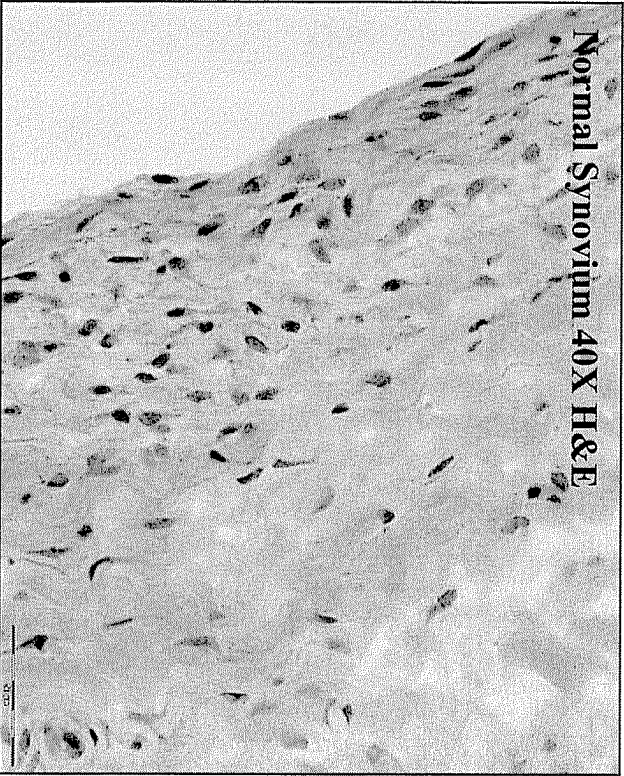
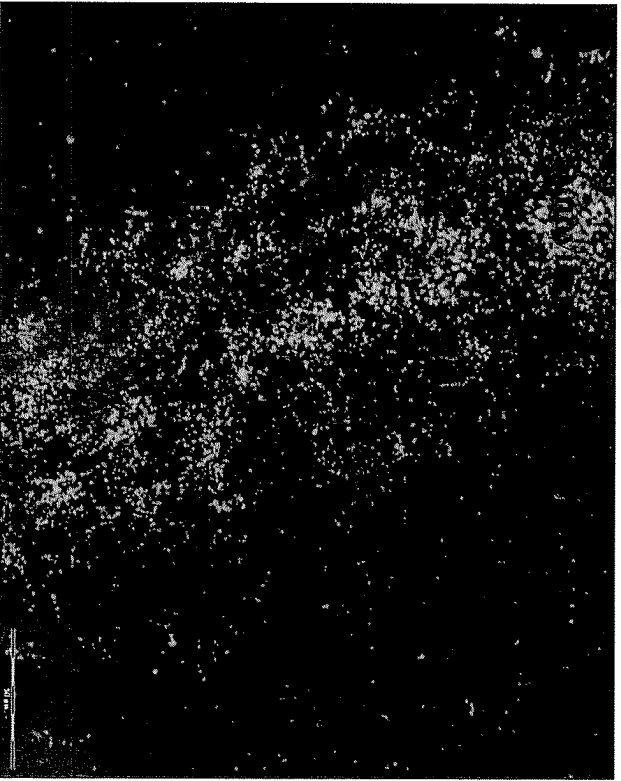
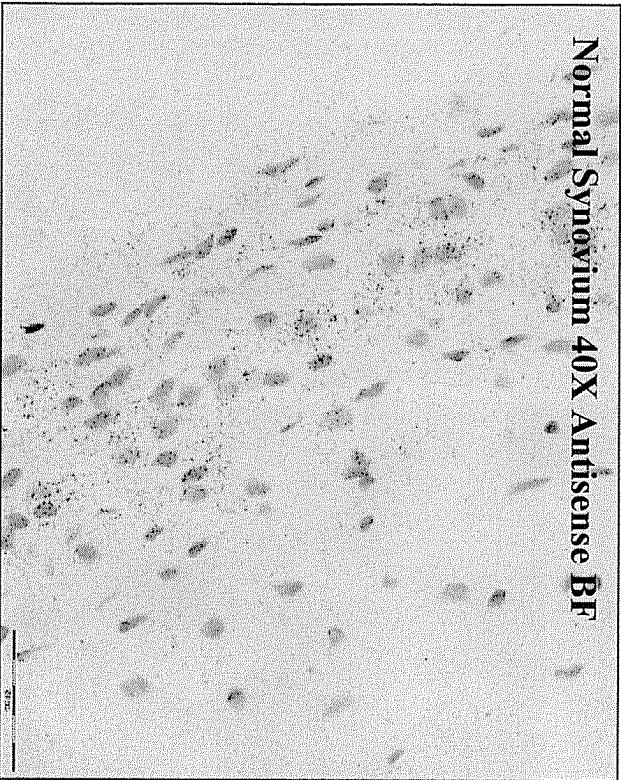


FIG. 10

**Cathepsin-Z expression in Normal Synovium (Pen227)**



## Model of Cathepsin Z's role in Antigen Processing

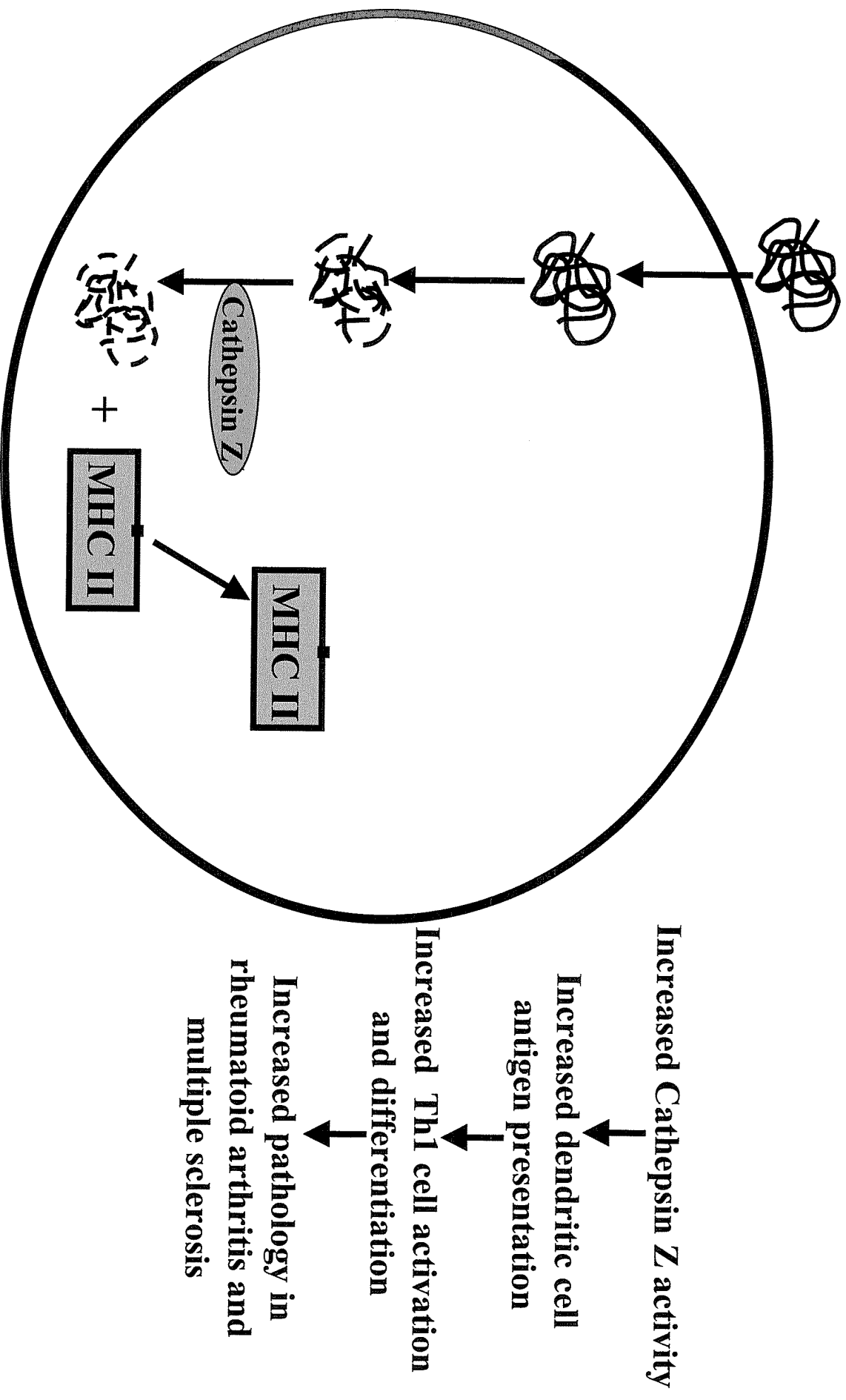


FIG. 11

# Upregulation of Cathepsin Z mRNA in EAE model brain

